PURCHASE ORDER

(REQUIRED FOR ITEMS OVER \$500)

P.O. NUMBER

P.O. DATE

VENDOR #

CTW Corporation

MILTON, WI 53563-1748 710 S JANESVILLE ST CITY OF MILTON BILL TO:

FEDERAL ID # 39-6006322 TAX EXEMPT # 138244B

0069-898-809

Lannar WI 53046-9720 21 500 W. Good Have Road CTW COCOSCOTION VENDOR:

150 Northside Dr Milton WI 53563 City of Milton SHIP TO: from Above) (If different

G/L ACCOUNT #	QUANTITY	DESCRIPTION	UNIT PRICE TO	TOTAL PRICE
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OFFICE USE	USE	CHECK ALL THAT APPLY:	L <u>Y</u> :	
DEPARTMENT HEAD	Shan	1 16 1-15-16	AT LEAST 3 QUOTES ATTACHED LOWEST SELECTED	WEST SELECTED
			AT LEAST 3 QUOTES. LOWEST NOT SELECTED, REPORT	SELECTED, REPORT
CITY ACCOUNTANT		Date	SUPPORTING RECOMMENDATION ATTACHED	ATTACHED

 $oldsymbol{\mathcal{K}}$ FEWER THAN 3 QUOTES - REPORT ATTACHED

COUNCIL APPROVAL (IF OVER \$10,000) DATE:

Date

CITY ADMINISTRATOR



October 8, 2015

MR RON GRIFFIN CITY OF MILTON WATER 430 E HIGH ST STE #3 MILTON WI 53563

Subject: Well pump #6 Inspection

Dear Ron:

In recent years we have discussed the necessity to remove the pumping equipment from well #6 in order to evaluate it's present condition since the original installation back in 2007. Knowing the history of how your other pumps hold up for normal 8-10 year intervals, the timing is right to plan for this work. Back in August of 2014 we sent an email where we suggested a budget figure of \$10,000-\$12,000 to remove the entire pump, evaluate the components, rebuild the bowl assembly to new specs, rebuild the stuffing box, replace the airline and rubber lineshaft bearings, disinfect the well and then install-flush-sample the rebuilt equipment. That cost estimate assumes that the column pipe and lineshaft will be in good shape and would be re-used with the rebuilt pump bowls and other items.

Since the time of that first proposal we have also discussed the benefits of performing a video inspection of the well while the pump is being repaired. That would allow for evaluating how clean the formation is and if any bacterial growth has begun to form in the water bearing sections of the well. While that service isn't absolutely necessary, it would allow you to address at an early stage anything that looks like it could lead to long term problems in the future. The added cost to televise would be \$875 but you can certainly wait to see what the removed pump components look like to aid in your decision on that.

This work could be conducted over the winter months when water use is low and would require that station to be out of service for about 10-14 days. We would recommend conducting both a performance test as well as collecting baseline vibration readings that can be duplicated once the pump is back in service. We hope we can be of service to you and the City in completing this work and ask that you call with any questions that you might have pertaining to our proposal. In the mean time, please let us know if anything else comes up that we can lend assistance to you or Lon over at the WWTP.

Beset Regards,

CTW CORPORATION

Timothy J. Cummens, PE